

\* Paul Schultitz please. Please return to the appropriate person with the search results.

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# SEARCH REQUEST FORM

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ISTIC

Requester's Full Name: MOLLY CEPERLEY Examiner #: 59757 Date: 12/10/04  
Art Unit: 1641 Phone Number ~~302~~ 2-0813 Serial Number: ~~10/68,398~~ 10/712,739  
Mail Box and Bldg/Room Location: Rem 3A51 Results Format Preferred (circle): PAPER DISK E-MAIL  
↳ Rem 3C70

If more than one search is submitted, please prioritize searches in order of need.

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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

*See bibliographic data sheet attached.*

Earliest Priority Filing Date: 03/23/01

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

① Please search for the combination of dendrimer polymers and diacetylene groups of the claims.

Diacetylene terms: polydiacetylene (PDA), diacetylen<sup>2</sup>; 5,7-docosadiynoic acid; 10,12-pentacosadiynoic acid; 5,7-pentacosadiynoic acid

Dendrimer terms: dendrimer, dendritic, dendron, PAMAM (polyamidoamine) dendrimers, PPI (polypropyleneimine) dendrimers

Other terms: conjugated double and triple bonds, colorimetric, photoluminesc?

② Please search for the compound fragment of claim 16 circled in red in combination with the dendrimer terms + other terms described in ① above.

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Type of Search

Vendors and cost where applicable